

RJS0425



Issue date 27-Sep-2018

# Safety Data Sheet

Version 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

**Product name** CHASE'S CLEAN HOME SPRAY DISINFECTANT CITRUS SCENT  
**Chemical name** 7-8113-2

### Other means of identification

**Product code** FG 419-0425  
**Synonyms** Disinfectant Spray  
**Registration number(s)** 498-179

### Recommended use of the chemical and restrictions on use

**Recommended Use** For disinfection of hard, non-porous, inanimate surfaces.  
**Uses advised against** Do not spray on varnished, painted or plastic surfaces.

### Details of the supplier of the safety data sheet

**Supplier Address** **Manufacturer Address**  
 Menards Stores Chase Products Co.  
 Various locations 2727 Gardner Road  
 Broadview, IL 60155  
 708-273-1121

### Emergency Telephone Number

**Company Phone Number** 708-865-1000  
**24 Hour Emergency Phone Number** 1-800-255-3924  
**Emergency telephone** ChemTel 1-800-255-3924

## 2. Hazards Identification

### Classification

Serious eye damage/eye irritation	Category 2A
FLAMMABLE AEROSOLS	Category 2
Gases Under Pressure	liquefied gas

### Label Elements

### EMERGENCY OVERVIEW

#### Warning

#### hazard statements

Causes serious eye irritation  
 Flammable Aerosol  
 Contains gas under pressure; may explode if heated



**Appearance** Hazy, yellow liquid

**Physical State** Aerosol

**Odor** Perfumed.

### Precautionary Statements - Prevention

## FG 419-0425 CHASE'S CLEAN HOME SPRAY DISINFECTANT CITRUS SCENT

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves, protective clothing, eye protection and face protection.  
Keep away from heat, sparks, open flames and hot surfaces. — No smoking  
Pressurized container: Do not pierce or burn, even after use  
Do not spray on an open flame or other ignition source

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

### Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122 °F (50 °C)

### Hazards not otherwise classified (HNOC)

#### Other Information

- Toxic to aquatic life with long lasting effects
- 0.69% of the mixture consists of ingredient(s) of unknown toxicity

## 3. Composition/information on Ingredients

<b>Synonyms</b>	Disinfectant Spray.
<b>Chemical Family</b>	MIXTURES.
<b>Formula</b>	7-8113-2
<b>Chemical nature</b>	Aqueous solution of alcohol and other active ingredients.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	45-50	*
Ethyl alcohol	64-17-5	30-35	*
N-Butane	106-97-8	10-15	*
Propane	74-98-6	1-5	*

Chemical Additions See label for active ingredients information.

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First aid measures

### FIRST AID MEASURES

<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin contact</b>	Wash with soap and water. If irritation develops, consult a physician .
<b>Inhalation</b>	If overcome by vapor, move person to fresh air.
<b>Ingestion</b>	Ingestion from an aerosol product is unlikely to occur.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches. Prolonged and repeated contact with the eyes may cause mild irritation.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	None needed.
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## 5. Fire-fighting measures

### Suitable extinguishing media

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Use water spray or fog; do not use straight streams.

### Specific hazards arising from the chemical

Containers are under pressure. Temperatures above 130 °F may cause cans to burst.

**Hazardous combustion products** Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

### Explosion data

**Sensitivity to Mechanical Impact** Contents under pressure, keep away from heat and open flame.

**Sensitivity to Static Discharge** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

### Protective equipment and precautions for firefighters

Use personal protective equipment as required.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** CONTENTS UNDER PRESSURE. Do not puncture or incinerate cans.

**Other Information** Keep out of reach of children.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

**Methods for cleaning up** Clean contaminated surface thoroughly.

## 7. Handling and Storage

### Precautions for safe handling

**Advice on safe handling** Avoid getting spray into eyes. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, dry place away from heat and open flame. Avoid storing at below-freezing temperatures. **AEROSOL STORAGE LEVEL I (NFPA-30B)**.

**Incompatible Materials** Avoid heat, open flame and contact with strong oxidizers.

## 8. Exposure Controls/Personal Protection

### Control parameters

**Exposure guidelines** See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

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		(vacated) TWA: 1900 mg/m <sup>3</sup>	
N-Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Propane 74-98-6	See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering controls** Use with adequate general or local exhaust ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Household type gloves, if desired.

**Respiratory protection** None required if used in a well-ventilated area .

**General hygiene considerations** None required.

**9. Physical and Chemical Properties**
**Information on basic physical and chemical properties**

Physical State	Aerosol	Odor	Perfumed.
Appearance	Hazy, yellow liquid	Odor threshold	No information available
Color	clear		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	10.2 - 11.3	No information available	
Melting point/freezing point	NA	No information available	
Boiling point/boiling range	212 °F/100 °C Water	No information available	
Flash Point	Not available. This is an aerosol product for which Flame Projection is 6-8 inches without flashback. Temperatures above 120 °F may cause cans to burst.	No information available	
Evaporation Rate	Faster than butyl acetate	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
Upper flammability limits	Not available		
Lower Flammability Limit	Not available		
Vapor pressure	Not available	No information available	
Vapor Density		No information available	
Relative Density	0.93 - 0.94 concentrate	No information available	
Water solubility	completely soluble	No information available	
Solubility in other solvents		No information available	
Partition coefficient		No information available	
Autoignition Temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties	No information available		
Oxidizing properties	No information available		
<u>Other Information</u>			
Softening point	No information available		
Molecular weight	No information available		
VOC content (%)	51.32%		

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Density No information available  
Bulk Density 7.83 Lb/gal

**10. Stability and Reactivity**

**Reactivity**  
Not applicable No data available

**Chemical stability**  
Stable.

**Possibility of hazardous reactions**  
Temperatures above 130 °F may cause cans to burst with force.

**hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**  
Temperatures above 122 °F (50 °C).

**Incompatible Materials**  
Avoid heat, open flame and contact with strong oxidizers.

**Hazardous decomposition products**  
Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**11. Toxicological Information****Information on likely routes of exposure**

**Product Information** Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation.

**Inhalation** See data below.

**Eye Contact** No data available.

**Skin contact** No data available.

**Ingestion** This is an aerosol product, ingestion is unlikely to occur. MAY BE HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Ethyl alcohol 64-17-5	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h
N-Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	> 800000 ppm ( Rat ) 15 min

**Information on toxicological effects**

**Symptoms** See information above.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** Not known chronic effects based on available information.

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Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 0.69% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (inhalation-gas)** 10000000  
**ATEmix (inhalation-vapor)** 16447.4 mg/l

**12. Ecological Information**
**ecotoxicity**

6.1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethyl alcohol 64-17-5		100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

See information below.

Chemical name	Partition coefficient
Ethyl alcohol 64-17-5	-0.32
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3

**Other adverse effects** No information available

**13. Disposal Considerations**
**Waste treatment methods**

**Disposal of wastes** Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

**Contaminated packaging** Pressurized container: Do not pierce or burn, even after use.

Chemical name	California Hazardous Waste Status
Ethyl alcohol 64-17-5	Toxic Ignitable

#### 14. Transport Information

##### DOT

UN/ID no	Limited Quantity
Proper Shipping Name	Consumer Commodity
Hazard Class	ORM-D

##### IATA

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1

##### IMDG

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1

#### 15. Regulatory information

##### International Inventories

##### TSCA

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

##### DSL

All ingredients are listed or are excluded from listing on the DSL.

##### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

##### US Federal Regulations

##### SARA 313

This product does not contain toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

##### SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

##### US State Regulations

##### California Proposition 65

**FG 419-0425 CHASE'S CLEAN HOME SPRAY DISINFECTANT CITRUS SCENT**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
Ethyl alcohol 64-17-5	X	X	X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** 498-179

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: May cause eye irritation. Avoid contact with the eyes and skin. Avoid breathing of spray mist. Avoid contamination of foodstuff.

**16. Other information**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 1	<b>Physical and chemical properties</b> Not applicable
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 2	<b>Physical hazards</b> 1	<b>Personal Protection</b> A - Eyes protection

**Prepared by** Regulatory Department  
**Issue date** 27-Sep-2018  
**Revision note**  
Not applicable

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet